

Activity 140 Striping

Description

Activity 140 involves applying paint or other more durable product to the roadway surface to construct or replace traffic lines that define travel lanes. Traffic lines include centerlines, lane lines, no passing zones, median lines, and edge (fog) lines, including those to delineate bicycle and pedestrian paths.

General Instructions

Perform this activity to maintain traffic lines at the level allowed by the performance budget and as described in the *Desired Conditions of Maintenance Features on State Highways*.

Perform all work according to the *Manual on Uniform Traffic Control Devices*, including the Oregon Supplement, and the ODOT *Traffic Line Manual*.

A Professional Engineer must approve striping plans and lane modifications. Refer to ODOT *Policy DES 05-02*.

When using paint materials for this work, perform striping annually or as approved by the District Manager. When using a more durable striping material, perform striping as needed or as approved by the District Manager.

Generally, perform major surface repairs, or other work that affects significant surface areas, prior to performing striping.

Generally, before applying the striping material, perform sweeping under Activity 116 or 117 or other method as needed to remove dirt and other material to provide a clean surface for the striping work.

Refer to Activity 147 for raised or recessed pavement markers.

Charge Activity 159 when removing existing striping.

Refer to Activity 305 when applying traffic lines on construction projects or on facilities not owned or operated by ODOT.

Cities or other jurisdictions may be responsible for traffic lines within the limits of their jurisdiction. The Manager in charge of the striping work must be aware of those responsibilities and should not maintain or perform that work unless it has been properly requested and approved.

Controlling Erosion, Sedimentation, and Pollutants or Contaminants

Plan and implement methods to control erosion, sedimentation, and pollutants or contaminants, including those discussed in the Control of Erosion, Sedimentation, and Pollutants or Contaminants section of this Guide and the ODOT *Routine Road Maintenance Water Quality and Habitat Guide Best Management Practices*.

As appropriate, implement and maintain devices and processes including those described in the *Field Manual for Erosion and Sediment Control*.

Temporary Protection and Direction of Traffic

Plan, implement, and maintain traffic control as addressed in the *Traffic Control on State Highways for Short Term Work Zones* handbook.

Equipment

Select equipment that is suited for the work, striping material, and situation.

Materials

Materials may include:

- Traffic line paint or a more durable product.
- Glass beads.
- Suitable material to clean applicator or to remove improper applications.

Without specific approval of the State Maintenance Engineer, only use striping materials that are listed on the ODOT *Qualified Products List*.

Work Method

1. If needed, arrange for sweeping or other cleaning of traffic line areas.
2. Implement appropriate traffic control.
3. If the location of existing striping must be modified, adequately lay out and mark the location of striping to be performed. Seek assistance from the Region Traffic Engineer.
4. Perform required striping. Protect the application from traffic until it is adequately dry or cured.
5. Remove traffic control.
6. Appropriately clean equipment, etc. Properly dispose of waste material.

Measurement of Accomplishment, Expenditure Account, and Charge Activity

Measurement is the miles (kilometers) of stripe placed. Expenditure account type is Highway Striping EA (use a subjob of 261, except use a subjob of 846 for all work on bicycle paths).

- Charge TEAMS Activity 140 when performing work other than that covered under the following Activities.
- Charge TEAMS Activity 540 when striping only occasional, separated sections of roadway using paint material.
- Charge TEAMS Activity 542 when using thermoplastic material to perform striping.
- Charge TEAMS Activity 543 when using Methyl Methacrylate material to perform striping.